*** *DRAFT* ***

ECOSYSTEM ROUNDTABLE

March X, 1997

Douglas Wheeler, Secretary
California Resources Agency
1416 Ninth Street # ????
Sacramento, CA 95814

RE: GOVERNOR'S FLOOD EMERGENCY ACTION TEAM

Dear Secretary Wheeler,

On behalf of the CALFED Ecosystem Roundtable, we are writing to you regarding the process by which the Governor's Flood Emergency Action Team will make final recommendations for improved flood management, including long-term repair and general maintenance of the state's levees and flood control system.

As you know, the Ecosystem Roundtable is a stakeholder committee representing diverse agricultural, urban, environmental and conservation interests, formed under the auspices of the Bay-Delta Advisory Council, which advises CALFED on the expenditure of existing and anticipated monies for ecosystem restoration. A number of restoration priorities that can also provide significant flood management benefits have been identified by the CALFED Bay-Delta Program and the Roundtable, including restoration of seasonal floodplain and freshwater tidal wetlands, modification of flood bypasses and levee habitat, and other measures. Technical efforts sponsored by CALFED and the Roundtable are underway to identify specific programs and initiatives needed to address these and other environmental priorities throughout the Bay-Delta system.

We believe that the potential for synergistic benefits from coordinated ecosystem restoration and flood management efforts is great. In order to ensure the highest degree of coordination between the flood management activities under your direction and our ecosystem restoration activities, we urge the appointment of the following Roundtable members as liasion to the Governor's Flood Emergency Action Team:

Professional Experience

1996-Present	Associate Philip Williams & Associates, Ltd., San Francisco, CA
1995	Private Consultant
1990-1995	Research Assistant Iowa Institute of Hydraulic Research, Iowa City, Iowa
1988-1989	Staff Engineer, EIT Post, Buckley, Schuh & Jernigan, Inc., Princeton, NJ
1987-1988	Environmental Engineering, EIT Sadat Associates, Inc., Princeton, NJ

Professional Societies

Member, International Association for Hydraulic Research
Member, American Society of Civil Engineers
Member, American Society of Agricultural Engineers

Relevant Project Experience

Working in close collaboration with the Sacramento District Corps of Engineers and Napa County, Dr. Vincent Neary has assisted or undertaken a series of studies designed to support the COE's attempt to develop a flood management and ecological restoration plan.

Napa River Flood Control: Review of Alternatives. For the Napa County Flood Control District, 1991. The District, together with the Corps of Engineers, planned a major flood control project for the Napa River. Dr. Neary reviewed project assumptions to recommend alternatives that were evaluated by the COE.

Napa River Model. For the Napa County Resource Conservation District and the California State Coastal Conservancy, 1995-1996. To support management decisions to evaluate changes in the river, its watershed and tidal wetlands, and to better understand the processes at work in the River, Dr. Neary developed a hydrodynamic model of the entire river system. As a demonstration of the capabilities of the project, he examined the impacts of proposed tidal wetland restoration on salinities in the tidal reaches of the river and the benefits of floodplain restoration above Napa City.

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Jackie McCort
[others]

In addition, we request that Team members and staff meet regularly with the CALFED restoration coordination staff and the Ecosystem Roundtable to discuss the recommendations of the Roundtable and the CALFED technical process.

We urge the Governor's Flood Emergency Action Team to make decisions regarding improved flood management, including long-term repair and maintenance of the levees and flood control system, that are consistent with the priorities identified by the Roundtable, the programs and initiatives identified by the CALFED technical teams and workshops, and the components of the CALFED Ecosystem Restoration Program Plan. We believe our recommendations will help ensure that consistency is achieved in the most efficient manner.

Sincerely,

Gary Bobker	Greg Gartrell	Jason Peltier
The Bay Institute	Contra Costa W.D.	CVP Water Association
Co-Chair	Co-Chair	Co-Chair

Vincent Neary

Associate
Philip Williams & Associates, Ltd.

Dr. Neary is a hydraulic engineer specializing in numerical and physical modeling of flow and sediment processes in riverine environments. He also has a strong theoretical background in sediment transport mechanics and open-channel hydraulics.

While at the Iowa Institute of Hydraulic Research, he developed advanced numerical techniques to simulate complex three-dimensional flows through channel bends, bifurcations and confluences, as well as natural river reaches along the Columbia River. He conducted physical modeling studies of water intakes, pipe junctions and fish bypass systems for Columbia River hydropower facilities located in Grant and Chelan Counties, Washington.

As a consulting engineer, he has conducted distributed hydrologic modeling studies of urbanized watersheds in New Jersey, performed water balance evaluations for landfills and directed stream restoration, back stabilization and riparian landscaping projects for Ralston Creek in Iowa.

Education

Ph.D., 1995	Civil and Environmental Engineering (Hydraulics), University of Iowa, Iowa Institute of Hydraulic Research, Iowa City
M.S., 1992	Civil and Environmental Engineering (Hydraulics), University of Iowa, Iowa Institute of Hydraulic Research, Iowa City
B.S., 1987	Agricultural Engineering Rutgers University, New Brunswick, New Jersey

Professional Registration

9547	Engineer-in-Training, NJ

Awards

1990-1995	Iowa Engineering Dean's Scholarship
1992	Fellowship for the "Second Summer School on Stability of River and Coastal Forms" in Sapporo, Japan
1994-1995	National Science Foundation Research Grant

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